

Table 1: February 18, 1998 - Subsystem Status.

SS No.	SS Lead	Status	Problems
1.0	Escuadra /Cooper	<ul style="list-style-type: none">• Analyzing TRMM data. (Anselmo, Hess, Lee, Spence, Weaver)• Continue monitoring TRMM operations. (Hess, Weaver)• Working to get Solar Angle data into the proper format for all Beta Angle plot types used with ERBE. (Filer)• Continuing updates to SS1 code to fix all problems found in TRMM Data for Software version 2.3. (Anselmo, Cooper, Escuadra, Hess, Rodier)• Updates to SS1 scripts and HDF read routines delivered to CM. (Brown, Cooper, Spence)• Tracked down problem with Level-0 data missing first packet of data for each day. A problem with the SDPF software was uncovered and reported. (Cooper, Weaver)• Adding attributes to BDS and IES for units, etc. (Rodier)	<ul style="list-style-type: none">•

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2.0	Chang	<ul style="list-style-type: none"> Looked at 01/16/98 and 01/21/98 data for Richard to explain why the ES-8 record counts were 13090 for both days but no data drop outs were recorded in QC reports. (Chang) Set up a mirror Web site for the CERES test data on samantha for CERES Snow, QC plots, QC reports, and ES-8 product listing so that the test data can be accessed from the ERBE-like Subsystems home page. (Flug) Built CERES test web page for ES-8 and ES-4 plots. (Liu) Modified ES-8 and ES-4 plot programs to provide higher resolution plots for CERES public web page. (Liu) Completed PGE CER3.2P1 for monthly data processing. (Chang) Updated the old-ADMs version of inversion code for 2/13/98 ERBE-like subsystem delivery to CM. (Chang) Modified MTSA program to have partly-cloudy enhancement of the nighttime clear-sky LW over land turned on to be consistent with ERBE. (Chang) Modified all metadata routines in ERBE-like code. (Snell) Scripts for QC, ES-8 and ES-4 plots were modified for the new PGE, PCF, and the new PGE, PCF file names. (Liu, Flug) Completed PGE CER2.3P1 that converts ES-8 flat file to HDF-EOS. (Snell) Modifying ES-8 HDF-EOS read code to not use HDF-EOS libraries. (Snell) Completed PGE CER2.1P1 that generates month specific snow map file. (Kizer) Generated new composite snow map files for 2/13/98 ERBE-like subsystem delivery to CM. (Kizer) Tested all PGEs, all plot software, updated the Test Plan, and made the ERBE-like delivery to CM. (Chang, Snell, Kizer, Flug, Liu) 	<ul style="list-style-type: none">
3.0	Chang	<ul style="list-style-type: none"> Combined with above. 	<ul style="list-style-type: none">

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4.1	Murray	<ul style="list-style-type: none"> Found and fixed a problem with the TLim test over coastal areas. Wrote code to create a water presence map on the MOA grid. (Sun-Mack) Modified the CRH Standard Deviation maps to be based on the MOA grid rather than the 10-minute grid. (Sun-Mack) Produced results for Science Team for about 2 days of data. Worked with Team to validate results. (Sun-Mack) Worked to install and run the CloudVis DX viewer on blizzard. Worked on latest version. (Sun-Mack, Gibson) Completed the final delivery of the Clouds software to CM and the DAAC. (Murray/Miller) Worked with Sukdee Storaasli to run SSI&T and identify differences between the DAAC produced data and the expected output. Ultimately, traced the problem to the utcpole.dat file in the Toolkit directory on lightning has not been updated since October 1997. Was able to re-produce expected results at the DAAC when Clouds run using the out-of-data utcpole.dat file. (Murray) Worked with System Eng. to identify and correct problems with the metadata files from Clouds. (Murray) Tested Dec. 28, 1998 on the SCF. (Murray) 	•
4.2	Murray	<ul style="list-style-type: none"> Combined with above. 	•
4.3	Murray	<ul style="list-style-type: none"> Combined with above. 	•
4.4	McKinley	<ul style="list-style-type: none"> Worked with DAAC to resolve discrepancies in test case. Attributed to difference in the UTC pole file. (Miller, McKinley, Murray) Continued validation of the TRMM SSF using DX and IDL. (McKinley, Miller) 	•

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4.5	Nolan	<ul style="list-style-type: none"> Created Test HDF SSF file which contains 5 footprints. (Nolan) Created a formatted description and listing of the Test HDF SSF from the information provided by the hdp dump command. (Nolan) Updated PCF generator as an example for Manual Configuration Code Implementation document. (Nolan) Initiated work on a monthly albedo table for the Staylor Algorithm. (Nolan) Completed software and Test Plan for Subsystem 4.5-6 Release 2.2 Delivery. (Nolan and Franklin) Continued updating the code for Subsystem 4.5 & 4.6 that will read an SSF HDF file using an example code provided by Subsystem 1. Provided updated versions of the code to Dr. Lin Chambers for testing. (Franklin) 	•
4.6	Nolan	<ul style="list-style-type: none"> Combined with above. 	•
5.0	Coleman	<ul style="list-style-type: none"> Redelivered SS 5.0 to DAAC using latest toolkit. (Gupta) Continued working on code to convert binary CRS to HDF CRS. (Gupta) Tested SS 5.0 with first TRMM data coming out of Clouds and Inversion. (Gupta) Tested QC report software provided by Fred and modified by Coleman. (Coleman) Distributed first cut at SARB-produced CRS parameter definitions for collection guide to science team for review. (Coleman) 	•
7.2	Coleman	<ul style="list-style-type: none"> Combined with above. 	•
12.0	Coleman	<ul style="list-style-type: none"> Working with DAAC personnel to solve MOA 19971225 core dump problem. (Kizer) Upgrading MOA Graphics software to graphically show MOA data in an interactive widget program. (Kizer) Generated and supplied DAAC with software for preprocessing of NCEP Surface Flux files to extract backup Surface Temperature input data. (Kizer) 	•

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7.1	Jimenez	<ul style="list-style-type: none"> Combined with below. 	•
8.0	Jimenez	<ul style="list-style-type: none"> Combined with below. 	•
10.0	Jimenez	<ul style="list-style-type: none"> Begin making modifications to prepare for next update delivery. (Jimenez) Began writing software to create files from the SRBAVG output product to give to Georgia Lui to plot on the Web. (Jimenez) Began writing read software for HDF-EOS output products using only HDF. (Jimenez, Raju) Continue to modify and write test routines in order to verify subsystem code. (Raju) 	•
6.0	McKoy	<ul style="list-style-type: none"> Preparing the TISA Gridding software for its next delivery. Modifying all scripts and code to be compatible with TK5.2.1. Correcting any incompatibility problems in the interface between subsystems. (McKoy). Validating and testing changes made to the TISA Gridding software. (McKoy). Began working on read software for the TISA Gridding products. (McKoy, Nguyen) 	•
9.0	McKoy	<ul style="list-style-type: none"> Combined with above. 	•
11.0	Stassi/ Fan	<ul style="list-style-type: none"> Modified ggeo_granfile.f90 and ggeo_output.f90 to produce new PSAs: Satellite name, Satellite number, and Satellite longitude. (Fan) Provided valid values for platform short name (METEOSAT-x, GMS-x, GOES-x) and for instrument and sensor short name (MIR, VISSR). (Mitchum, Fan, Stassi) Making plans to automatically put GGEO plots on web page following production run. (Wong, Robbins, Liu, Stassi) Creating QA report for main processor. (Stassi) Added a runtime parameter to indicate whether to print extra diagnostics to a dump file. This will only be done in validation mode. (Stassi) 	•

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CERESlib Stassi/ Fan		<ul style="list-style-type: none">• Proposed an easy CC code, one which uses a rerun sequence number for the last three digits. (Fan)• Modified meta_util to 1) Force the 1st, 2nd, and 5th GRing points to be -180 instead of 0 for the ECS longitude value for the case of whole globe; 2) Take PSA attribute name longer than 30 characters; and 3) Produce three sets of PlatformInstrumentSensorContainer only for CERES instrument and not for other instruments. (Fan)• New version meta_util was installed in SCF and delivered to CM. (Fan, Stassi)	<ul style="list-style-type: none">•
CM	Ayers	<ul style="list-style-type: none">• Delivered CERES subsystems 5.0 (Instantaneous SARB), 4.5 & 4.6 (Inversion), and CERESlib to the DAAC. (Ayers)	<ul style="list-style-type: none">•
IST	Flug	<ul style="list-style-type: none">• No new updates.	<ul style="list-style-type: none">•